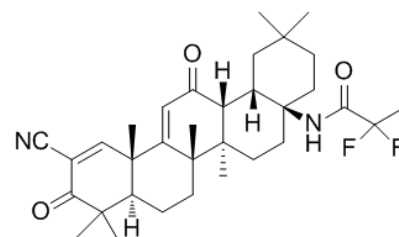


Product Name : RTA-408
Cat. No. : PC-42916
CAS No. : 1474034-05-3
Molecular Formula : C₃₃H₄₄F₂N₂O₃
Molecular Weight : 554.7109
Target : Keap1-Nrf2
Solubility : 10 mM in DMSO



Biological Activity

RTA-408 (Omaveloxolone, RTA408) is a potent **Nrf2** activator that increases expression of Nrf2 target genes and decreases expression of inflammatory mediators.

RTA-408 dose-dependently reduces NO concentrations with IC₅₀ value of 4.4±1.8 nM in RAW 264.7 cells.

RTA-408 also increases p21 levels and JNK phosphorylation.

References

Probst BL, et al. *PLoS One*. 2015 Apr 21;10(4):e0122942.

Liu X, et al. *Redox Biol*. 2016 Aug;8:98-109.

Nakagami Y, et al. *J Radiat Res*. 2016 Sep;57(5):567-571.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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